
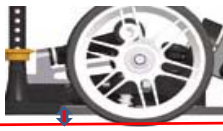


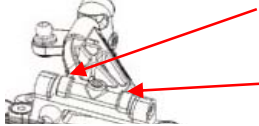







		<b>Setup Sheet for Serpent</b> <b>S120 1:12th pan car</b>		Datum: _____ Driver: _____ Race: _____	
<b>Front Section</b>					
<b>Ride height spacer front</b>		mm			
<b>Upper arm mount</b>		3°		6° 9°	
<b>Front lower arm lenght</b>  long short		<b>Front end</b>  Ride height _____ mm Chamber _____ ° Toe _____ °			
<b>Front upper arm</b>  long short		<b>Front springs</b>  thin (0.45mm) default (0.50mm) thick (0.55mm) spring preload _____ mm			
<b>Caster</b>  mm mm		<b>Ackerman shims</b>  mm			
<b>Middle section</b>					
<b>Shocks</b> 		<b>Main shock</b> Oil (W/Cst) Insert 2 holes 3 holes Spring blue (soft) red (hard)			
		<b>Lateral shock</b> Oil (W/Cst) Insert 2 holes 3 holes			
<b>Battery mount</b>  rear		 front			
<b>Tweak Board &amp; Station</b>  Slider poistion _____ mm Blade Position _____ mm		<b>Overall tweak</b>  soft _____ hard			
<b>T-bar</b>		soft		hard	
<b>Rear section</b>					
<b>Ride height</b> _____ mm		<b>Differential</b>  soft _____ hard			
<b>Excenter insert rear</b> _____ mm normal upside down					
<b>Motor pod droop</b> _____ mm		<b>Diff. Balls</b> normal		ceramic	
<b>Rim offset</b> _____ mm		<b>Diff. Plates</b> normal		tuning	



## Setup Sheet for Serpent S120 1:12th pan car



### Tyres

Tyre front		Tyre rear	
Made		Made	
Shore	SH	Shore	SH
Diameter	mm	Diameter	mm
8-min wear	mm	8-min wear	mm
adhesive		adhesive	
adhesive time	min	adhesive time	min
treated surface		treated surface	

### Transmission

Spur Gear	Pinion Gear	Calculated rollout	
$R_o = \frac{(D \times \pi)}{(T_2 / T_1)}$	$T_1 = \frac{T_2}{[(D \times \pi) / R_o]}$	$D = \frac{[R_o * (T_2 / T_1)]}{\pi}$	$T_2 = T_1 \times [(D \times \pi) / R_o]$
Ro - rollout	T1 - pinion gear	T2 - spur gear	D - rear tyre diameter

### Motor

Made		Turns
Type		Rotor diameter
brushed	brushless	Timing
sintered	bonded	

### ESC

Made	
Type	
Forward/Reverse	Forward/Brake
Drag brake	

### Track

Surface	asphalt	carpeet	
Layout	open	technical	mixed
Grip	low	medium	high

### Results

Qualifikation	Besttime	Laptime
	Position	Laps
Final	Besttime	Laptime
	Position	Laps

### Remarks